



Alabama On-Farm Corn Hybrid Program 2018 Dryland Performance Test Results

Hybrids ¹	RM	County Test Results: Dryland				
		Cullman	Marshall	Perry	Shelby	Washington
	Days	Bu/A ²	Bu/A ²	Bu/A ²	Bu/A ²	Bu/A ²
AgriGold A6544 VT2RIB	113	247.96	268.58	163.23	200.6	-
AgriGold A6572 VT2RIB	114	237.81	263.81	145.46	205.0	-
Becks 6368V2P	113	-	-	137.38	-	-
Becks 6589V2P	115	-	-	137.47	-	-
Becks 6948BR	115	-	-	148.40	-	-
Croplan 5678 VT2P	116	254.55	260.40	148.94	229.3	199.09
Croplan 5789 VT2P	117	-	255.42	154.12	214.6	183.23
DeKalb DKC64-35 (VT2P)	114	231.42	255.99	162.74	203.7	189.52
DeKalb DKC65-95 (VT2P)	115	224.94	262.52	154.11	212.5	196.84
DeKalb DKC67-44 (VT2P)	117	229.53	270.37	155.82	197.2	191.07
Dyna-Gro D55VC45	115	-	-	154.84	-	-
Dyna-Gro D57VC51	117	209.37	263.90	140.12	-	187.19
Dyna-Gro D58VC37	118	-	-	-	-	189.39
Dyna-Gro D58VC65	118	265.97	267.13	150.65	-	188.09
Local Seed Company LC1577VT2P	115	237.02	240.31	145.66	165.4	171.87
Pioneer P1197 YHR	111	-	-	128.14	-	178.11
Pioneer P1442 YHR	114	228.65	256.44	-	181.4	-
Pioneer P1637 YHR	116	258.89	254.42	-	204.3	-
Pioneer P1662 YHR	116	-	-	151.11	-	185.58
Pioneer P1847 AML	118	244.61	267.19	-	173.3	-
Pioneer P1870 YHR	118	-	-	169.74	-	201.10
Progeny PGY 5115 VT2P	115	-	244.22	-	201.0	-
Progeny PGY 7215 VT2P	115	-	252.89	-	194.8	-
Location Yield Average (Bu/A)		237.34	258.89	149.88	198.7	188.42
Tillage Practice		No-till	No-till	Conventional	Conventional	Strip-till
Seeding Rate/Acre		28,000	28,800	27,000	30,000	28,000
Soil Series ³		Hartsells & Tilsit FSL	Allen - Waynesboro FSL	Vaiden Clay	Choccolocco Loam	Lucedale SL
Planting Date		May 4	April 11	March 26	April 5	March 21
Harvest Date		September 20	September 6	August 13	October 2	August 17

¹ Dash (-) indicates hybrid not planted/data not reported at that location. ² Yields adjusted to 15.5% moisture, assumed test weight of 56 lbs Bu⁻¹, and calculated to bushels/acre (Bu/A). ³ FSL = Fine Sandy Loam; SL = Sandy Loam.

Appreciation is expressed to our cooperating farmers, the Alabama Wheat and Feed Grain Committee, and participating seed companies for supporting this program. Written by Rudy Yates, Regional Extension Agent. Contributors: REAs Eddie McGriff and Kim Wilkins, Extension Specialist Tyler Sandlin, and County Extension Coordinator Ricky Colquitt.



Alabama On-Farm Corn Hybrid Program 2018 Irrigated Performance Test Results

Hybrids ¹	RM	County Test Results: Irrigated				
		Barbour	Geneva	Houston	Limestone	Perry
	Days	Bu/A ²	Bu/A ²	Bu/A ²	Bu/A ²	Bu/A ²
AgriGold A6544 VT2RIB	113	-	-	-	269.3	219.17
AgriGold A6711 VT2PRO	118	-	-	-	247.1	202.50
Becks XL 6365AM	113	-	-	-	-	202.78
Becks 6589V2P	115	-	-	-	-	212.52
Becks 6774V2P	117	-	-	-	-	191.47
Croplan 6640 VT3P	113	263	-	226.4	-	-
Croplan 5678 VT2P	116	-	-	215.2	269.6	221.14
Croplan 5789 VT2P	117	-	-	-	260.3	207.83
DeKalb DKC62-08 (GENSS)	112	263	-	-	-	-
DeKalb DKC62-53 (VT2P)	112	-	184.2	199.0	265.3	200.80
DeKalb DKC65-95 (VT2P)	115	238	-	182.0	249.3	239.44
DeKalb DKC70-27 (VT2P)	120	254	213.2	220.0	258.8	231.02
Dyna-Gro D55VC45	115	-	-	-	-	222.18
Dyna-Gro D57VC51	117	267	212.2	-	254.9	226.11
Dyna-Gro D58VC37	118	268	196.0	221.4	-	-
Dyna-Gro D58VC65	118	257	215.3	220.6	270.4	219.66
Local Seed Company LC1577VT2P	115	246	-	195.0	241.4	206.03
Pioneer P1197 YHR	111	240	191.4	200.0	-	217.59
Pioneer P1442 YHR	114	-	-	-	236.2	-
Pioneer P1637 YHR	116	-	-	-	243.6	-
Pioneer P1847 AML	118	-	-	-	246.4	-
Pioneer P1847 VYHR	118	260	239.8	-	-	201.60
Pioneer P1870 YHR	118	263	208.6	227.8	-	212.69
Location Yield Average (Bu/A)		256	207.6	210.7	254.8	213.8
Tillage Practice		Ripper roller	Strip-till	Strip-till	No-till	Conventional
Seeding Rate/Acre		33.000	34,000	32,500	34,000	33,000
Soil Series ³		Dothan FSL	Dothan SL	Dothan SL	Cookeville SiL	Okolona SiCL
Planting Date		March 27	April 3	April 3	April 12	April 20
Harvest Date		September 4	September 18	August 23	October 11	September 4

¹ Dash (-) indicates hybrid not planted/data not reported at that location. ² Yields adjusted to 15.5% moisture, assumed test weight of 56 lbs Bu⁻¹, and calculated to bushels/acre (Bu/A). ³ FSL = Fine Sandy Loam; SL = Sandy Loam; SiCL = Silty Clay Loam; SiL = Silt Loam.

Appreciation is expressed to our cooperating farmers, the Alabama Wheat and Feed Grain Committee, and participating seed companies for supporting this program. Written by Rudy Yates, Regional Extension Agent. Contributors: Regional Extension Agent Brandon Dillard and Extension Specialist Tyler Sandlin.



**2018 Alabama On-Farm Corn Hybrid Program
Irrigated Glyphosate-Tolerant Test
Test Location: Barbour County
Farmer Cooperator: Liikatchka Plantation
Regional Extension Agent: Brandon Dillard
County Coordinator: Allie Corcoran
Alabama Cooperative Extension System**

Planted: March 27, 2018
Tillage: Ripper roller
Previous Crop: Peanuts
Fertility applied per acre: 2 tons poultry litter preplant; at planting 14 gallons of (50%) 10-34-0 and (50%) 28-0-0-6 (30 lbs N, 28 lbs P₂O₅, and 4.5 lbs S); sidedressed 220 lbs N, 60 lbs P₂O₅ and 100 lbs K₂O

Harvested: September 4, 2018
Seeding Rate: 33,000/acre
Soil Types: Dothan fine sandy loam

Corn hybrids were provided by participating seed companies based upon their choice(s) for the area and production type. Companies had the option to enter three hybrids. The seed provided came treated with each company's respective seed treatment(s). Hybrids were planted in six-row strips consisting of twin rows. Row spacing was 38 inches. Harvested length of each strip averaged 1200 feet. No significant lodging was observed between hybrids. Producers are encouraged to consider several sources of information when making hybrid selections.

Table 1. Irrigated on-farm corn hybrid performance test, Barbour County, AL.

Hybrid ¹	RM	Technology Traits ²	Harvest Moisture	Yield ³
	Day		%	Bu/A
Croplan 6640 VT3P	113	Genuity VT Triple PRO, RR2	25.76	263
DeKalb DKC62-08 (GENSS)	112	Genuity SmartStax, LL, RR2	24.27	263
DeKalb DKC65-95 (VT2P)	115	VT Double PRO, RR2	25.72	238
DeKalb DKC70-27 (VT2P)	120	VT Double PRO, RR2	27.31	254
Dyna-Gro D57VC51	117	VT Double PRO, RR2	26.60	267
Dyna-Gro D58VC37	118	VT Double PRO, RR2	27.08	268
Dyna-Gro D58VC65	118	VT Double PRO, RR2	26.84	257
Local Seed Company LC1577VT2P	115	Genuity VT Double PRO, RR2	26.62	246
Pioneer P1197 YHR	111	Optimum Intrasect, LL, RR2	25.17	240
Pioneer P1847 VYHR	118	Optimum Leptra, LL, RR2	27.59	260
Pioneer P1870 YHR	118	Optimum Intrasect, LL, RR2	27.36	263
			Test Average:	256

¹Hybrids listed in alphabetical order according to advertise relative maturity (RM).

²Technology Traits with the parentheses represent the target pest species and/or herbicide tolerance of the trait(s). Trait Key: **CB** = corn borers; **CW** = black cutworm; **CEW** = corn earworm; **CRW** = corn rootworm; **FAW** = fall armyworm; **LCB** = lesser cornstalk borer; **GT** = glyphosate tolerance; **LL** = Liberty Link (glufosinate tolerant); **RR2** = Roundup Ready2 Corn; **RIB** = Refuge in Bag containing 5% non-*B.t.* seed; **Agrisure Viptera** (CB, CEW, FAW, GT, LL); **Genuity SmartStax** (CB, CEW, CRW, FAW, LCB, LL, RR2); **Genuity VT Double PRO** (CB, CEW, FAW, LCB, RR2); **Genuity VT Triple PRO** (CB, CEW, CRW, FAW, LCB, RR2); **HX1** = Herculex I (CB, FAW, LL); **Optimum Intrasect** (HX1, YGCB, RR2 and LL); **Optimum Leptra** (Agrisure Viptera, HX1, YGCB, RR2 and LL); **VT Double PRO** (CB, CEW, FAW, LCB); **YGCB** = YieldGard CB. Information on *B.t.* proteins and other corn traits can be found in the ACES Corn IPM Guide at <http://www.aces.edu/pubs/docs/1/IPM-0428/IPM-0428.pdf>

³Yield adjusted to 15.5% moisture and an assumed test weight of 56 lbs bu⁻¹ by yield monitor.

Appreciation is expressed to Liikatchka Plantation, the Alabama Wheat and Feed Grain Committee, and the participating seed companies for supporting this test. Trade names are used only to give specific information. The Alabama Cooperative Extension System does not endorse or guarantee any product and does not recommend one product instead of another that might be similar.



2018 Alabama On-Farm Corn Hybrid Program
Irrigated Glyphosate-Tolerant Test
Test Location: Geneva County
Farmer Cooperator: Jody Childs
Regional Extension Agent: Brandon Dillard
County Coordinator: Gloria Marks
Alabama Cooperative Extension System

Planted: April 3, 2018
 Tillage: Strip-till
 Previous Crop: Peanuts
 Fertility applied per acre: 2 tons poultry litter preplant; split sidedress application 220 lbs N, 75 lbs P₂O₅ and 50 lbs K₂O

Harvested: September 18, 2018
 Seeding Rate: 34,000/acre
 Soil Types: Dothan sandy loam

Corn hybrids were provided by participating seed companies based upon their choice(s) for the area and production type. Companies had the option to enter three hybrids. The seed provided came treated with each company's respective seed treatment(s). Hybrids were planted in 6-row strips. Row spacing was 36 inches. Harvested length of each strip averaged 800 feet. No significant lodging was observed between hybrids. Producers are encouraged to consider several sources of information when making hybrid selections.

Table 1. Irrigated on-farm corn hybrid performance test, Geneva County, AL.

Hybrid ¹	RM	Technology Traits ²	Harvest Moisture	Yield ³
	Day		%	Bu/A
DeKalb DKC62-53 (VT2P)	112	VT Double PRO, RR2	14.6	184.2
DeKalb DKC70-27 (VT2P)	120	VT Double PRO, RR2	15.2	213.2
Dyna-Gro D57VC51	117	VT Double PRO, RR2	14.3	212.2
Dyna-Gro D58VC37	118	VT Double PRO, RR2	15.6	196.0
Dyna-Gro D58VC65	118	VT Double PRO, RR2	16.0	215.3
Pioneer P1197 YHR	111	Optimum Intrasect, LL, RR2	15.2	191.4
Pioneer P1847 VYHR	118	Optimum Leptra, LL, RR2	14.7	239.8
Pioneer P1870 YHR	118	Optimum Intrasect, LL, RR2	14.8	208.6
			Test Average:	207.6

¹ Hybrids listed in alphabetical order according to advertise relative maturity (RM).

² Technology Traits with the parentheses represent the target pest species and/or herbicide tolerance of the trait(s). Trait Key: **CB** = corn borers; **CW** = black cutworm; **CEW** = corn earworm; **CRW** = corn rootworm; **FAW** = fall armyworm; **LCB** = lesser cornstalk borer; **GT** = glyphosate tolerance; **LL** = Liberty Link (glufosinate tolerant); **RR2** = Roundup Ready2 Corn; **RIB** = Refuge in Bag containing 5% non-*B.t.* seed; **Agrisure Viptera** (CB, CEW, FAW, GT, LL); **HX1** = Herculex I (CB, FAW, LL); **Optimum Intrasect** (HX1, YGCB, RR2 and LL); **Optimum Leptra** (Agrisure Viptera, HX1, YGCB, RR2 and LL); **VT Double PRO** (CB, CEW, FAW, LCB); **YGCB** = YieldGard CB. Information on *B.t.* proteins and other corn traits can be found in the ACES Corn IPM Guide at <http://www.aces.edu/pubs/docs/I/IPM-0428/IPM-0428.pdf>

³ Yield adjusted to 15.5% moisture and an assumed test weight of 56 lbs bu⁻¹.

Appreciation is expressed to Jody Childs, the Alabama Wheat and Feed Grain Committee, and the participating seed companies for supporting this test. Trade names are used only to give specific information. The Alabama Cooperative Extension System does not endorse or guarantee any product and does not recommend one product instead of another that might be similar.



**2018 Alabama On-Farm Corn Hybrid Program
 Dryland Glyphosate-Tolerant Test
 Test Location: Cullman County
 Farmer Cooperator: Ben Haynes
 Regional Extension Agent: Eddie McGriff
 Alabama Cooperative Extension System**

Planted: May 4, 2018
 Tillage: No-till
 Previous Crop: Soybeans
 Fertility applied per acre: preplant 70-60-120 pounds of N, P₂O₅, and K₂O, respectively; sidedressed 45 gallons of 30-0-0-3 (148 lbs. N and 15 lbs. S)

Harvested: September 20, 2018
 Seeding Rate: 28,000/acre
 Soil Type(s): Hartsells and Tilsit fine sandy loams

Corn hybrids were provided by participating seed companies based upon their choice(s) for the area and production type. Companies had the option to enter three hybrids. The seed provided came treated with each company's respective seed treatment(s). Hybrids were planted in two six-row strips the length of the field. Row spacing was 30 inches. Harvested length of the test averaged 758 feet. No significant lodging was observed between hybrids. Producers are encouraged to consider several sources of information when making hybrid selections.

Table 1. Dryland on-farm corn hybrid performance test, Cullman County, AL.

Hybrid ¹	RM	Technology Traits ²	Harvest Moisture	Yield ³
	Day		%	Bu/A
AgriGold A6544 VT2RIB	113	VT Double PRO RIB Complete, RR2	13.8	247.96
AgriGold A6572 VT2RIB	114	VT Double PRO RIB Complete, RR2	13.7	237.81
Croplan 5678 VT2P	116	VT Double PRO, RR2	16.0	254.55
DeKalb DKC64-35 (VT2P)	114	VT Double PRO, RR2	13.1	231.42
DeKalb DKC65-95 (VT2P)	115	VT Double PRO, RR2	15.8	224.94
DeKalb DKC67-44 (VT2P)	117	VT Double PRO, RR2	14.9	229.53
Dyna-Gro D57VC51	117	VT Double PRO, RR2	14.4	209.37
Dyna-Gro D58VC65	118	VT Double PRO, RR2	11.8	265.97
Local Seed Company LC1577VT2P	115	Genuity VT Double PRO, RR2	10.3	237.02
Pioneer P1442 YHR	114	Optimum Intrasect, LL, RR2	13.1	228.65
Pioneer P1637 YHR	116	Optimum Intrasect, LL, RR2	14.8	258.89
Pioneer P1847 AML	118	Optimum AcreMax Leptra, LL, RR2	12.2	244.61
			Test Average:	237.34

¹Hybrids listed in alphabetical order according to advertise relative maturity (RM).

²Technology Traits with the parentheses represent the target pest species and/or herbicide tolerance of the trait(s). Trait Key: **CB** = corn borers; **CW** = black cutworm; **CEW** = corn earworm; **CRW** = corn rootworm; **FAW** = fall armyworm; **LCB** = lesser cornstalk borer; **GT** = glyphosate tolerance; **LL** = Liberty Link (glufosinate tolerant); **RR2** = Roundup Ready2 Corn; **RIB** = Refuge in Bag containing 5% non-*B.t.* seed; **Agrisure Viptera** (CB, CEW, FAW, GT, LL); **Genuity VT Double PRO** (CB, CEW, FAW, LCB, RR2); **HX1** = Herculex I (CB, FAW, LL); **Optimum AcreMax Leptra** (Agrisure Viptera, HX1, YGCB, RR2 and LL; includes 5% non-*B.t.* seed); **Optimum Intrasect** (HX1, YGCB, RR2 and LL); **Optimum Leptra** (Agrisure Viptera, HX1, YGCB, RR2 and LL); **VT Double PRO** (CB, CEW, FAW, LCB); **VT Double PRO RIB Complete** (CB, CEW, FAW, LCB; includes 5% non-*B.t.* seed); **YGCB** = YieldGard CB. Information on *B.t.* proteins and other corn traits can be found in the ACES Corn IPM Guide at <http://www.aces.edu/pubs/docs/1/IPM-0428/IPM-0428.pdf>

³Yield adjusted to 15.5% moisture and an assumed test weight of 56 lbs bu⁻¹.

Appreciation is expressed to Ben Haynes, the Alabama Wheat and Feed Grain Committee, and the participating seed companies for supporting this test. Trade names are used only to give specific information. The Alabama Cooperative Extension System does not endorse or guarantee any product and does not recommend one product instead of another that might be similar.



**2018 Alabama On-Farm Corn Hybrid Program
Irrigated Glyphosate-Tolerant Test
Test Location: Houston County
Farmer Cooperator: Andy Wells
Regional Extension Agent: Brandon Dillard
County Coordinator: Willie Durr
Alabama Cooperative Extension System**

Planted: April 3, 2018
Tillage: Strip-till
Previous Crop: Peanuts
Fertility applied per acre: 3 tons poultry litter preplant; at planting 10 gallons of 28-0-0-6 (30 lbs N and 6 lbs S); sidedressed 280 lbs. N, 75 lbs P₂O₅ and 150 lbs K₂O

Harvested: August 23, 2018
Seeding Rate: 32,500/acre
Soil Types: Dothan Sandy Loam

Corn hybrids were provided by participating seed companies based upon their choice(s) for the area and production type. Companies had the option to enter three hybrids. The seed provided came treated with each company's respective seed treatment(s). Hybrids were planted in 6-row strips. Row spacing was 36 inches. Harvested length of each strip averaged 650 feet. No significant lodging was observed between hybrids. Producers are encouraged to consider several sources of information when making hybrid selections.

Table 1. Irrigated on-farm corn hybrid performance test, Houston County, AL.

Hybrid ¹	RM	Technology Traits ²	Harvest Moisture	Yield ³
	Day		%	Bu/A
Croplan 6640 VT3P	113	Genuity VT Triple PRO, RR2	19.8	226.4
Croplan 5678 VT2P	116	VT Double PRO, RR2	20.6	215.2
DeKalb DKC62-53 (VT2P)	112	VT Double PRO, RR2	21.6	199.0
DeKalb DKC65-95 (VT2P)	115	VT Double PRO, RR2	24.0	182.0
DeKalb DKC70-27 (VT2P)	120	VT Double PRO, RR2	22.5	220.0
Dyna-Gro D58VC37	118	VT Double PRO, RR2	21.7	221.4
Dyna-Gro D58VC65	118	VT Double PRO, RR2	20.3	220.6
Local Seed Company LC1577VT2P	115	Genuity VT Double PRO, RR2	20.0	195.0
Pioneer P1197 YHR	111	Optimum Intrasect, LL, RR2	20.8	200.0
Pioneer P1870 YHR	118	Optimum Intrasect, LL, RR2	21.9	227.8
			Test Average:	210.7

¹Hybrids listed in alphabetical order according to advertise relative maturity (RM).

²Technology Traits with the parentheses represent the target pest species and/or herbicide tolerance of the trait(s). Trait Key: **CB** = corn borers; **CW** = black cutworm; **CEW** = corn earworm; **CRW** = corn rootworm; **FAW** = fall armyworm; **LCB** = lesser cornstalk borer; **GT** = glyphosate tolerance; **LL** = Liberty Link (glufosinate tolerant); **RR2** = Roundup Ready2 Corn; **RIB** = Refuge in Bag containing 5% non-Bt seed; **Genuity VT Double PRO** (CB, CEW, FAW, LCB, RR2); **Genuity VT Triple PRO** (CB, CEW, CRW, FAW, LCB, RR2); **HX1** = Herculex I (CB, FAW, LL); **Optimum Intrasect** (HX1, YGCB, RR2 and LL); **VT Double PRO** (CB, CEW, FAW, LCB); **YGCB** = YieldGard CB. Information on Bt proteins and other corn traits can be found in the ACES Corn IPM Guide at <http://www.aces.edu/pubs/docs/I/IPM-0428/IPM-0428.pdf>

³Yield adjusted to 15.5% moisture and an assumed test weight of 56 lbs bu⁻¹.

Appreciation is expressed to Andy Wells, the Alabama Wheat and Feed Grain Committee, and the participating seed companies for supporting this test. Trade names are used only to give specific information. The Alabama Cooperative Extension System does not endorse or guarantee any product and does not recommend one product instead of another that might be similar.



**2018 Alabama On-Farm Corn Hybrid Program
Irrigated Glyphosate-Tolerant Test
Test Location: Limestone County
Farmer Cooperator: Stan Menefee
Extension Specialist: Tyler Sandlin
Alabama Cooperative Extension System**

Planted: April 12, 2018
Tillage: No-till
Previous Crop: Soybean
Fertility applied per acre: preplant 2 tons of chicken litter; at planting 20 gallons of 32-0-0 (70 lbs N); sidedressed 120 lbs N

Harvested: October 11, 2018
Seeding Rate: 34,000/acre
Soil Type: Cookeville silt loam

Corn hybrids were provided by participating seed companies based upon their choice(s) for the area and production type. Companies had the option to enter three hybrids. The seed provided came treated with each company's respective seed treatment(s). Hybrids were planted in two four-row strips the length of the field. Row spacing was 30 inches. Harvested length of the test averaged 2000 feet. No significant lodging was observed between hybrids. Producers are encouraged to consider several sources of information when making hybrid selections.

Table 1. Irrigated on-farm corn hybrid performance test, Limestone County, AL.

Hybrid ¹	RM	Technology Traits ²	Harvest Moisture	Yield ³
	Day		%	Bu/A
AgriGold A6544 VT2RIB	113	VT Double PRO RIB Complete, RR2	14.8	269.3
AgriGold A6711 VT2PRO	118	VT Double PRO, RR2	15.1	247.1
Croplan 5678 VT2P	116	VT Double PRO, RR2	15.0	269.6
Croplan 5789 VT2P	117	VT Double PRO, RR2	15.1	260.3
DeKalb DKC62-53 (VT2P)	112	VT Double PRO, RR2	14.9	265.3
DeKalb DKC65-95 (VT2P)	115	VT Double PRO, RR2	14.8	249.3
DeKalb DKC70-27 (VT2P)	120	VT Double PRO, RR2	14.7	258.8
Dyna-Gro D57VC51	117	VT Double PRO, RR2	14.8	254.9
Dyna-Gro D58VC65	118	VT Double PRO, RR2	15.0	270.4
Local Seed Company LC1577VT2P	115	Genuity VT Double PRO, RR2	14.9	241.4
Pioneer P1442 YHR	114	Optimum Intrasect, LL, RR2	15.1	236.2
Pioneer P1637 YHR	116	Optimum Intrasect, LL, RR2	14.2	243.6
Pioneer P1847 AML	118	Optimum AcreMax Leptra, LL, RR2	14.9	246.4
Test Average:				254.8

¹Hybrids listed in alphabetical order according to advertise relative maturity (RM).

²Technology Traits with the parentheses represent the target pest species and/or herbicide tolerance of the trait(s). Trait Key: **CB** = corn borers; **CW** = black cutworm; **CEW** = corn earworm; **CRW** = corn rootworm; **FAW** = fall armyworm; **LCB** = lesser cornstalk borer; **GT** = glyphosate tolerance; **LL** = Liberty Link (glufosinate tolerant); **RR2** = Roundup Ready2 Corn; **RIB** = Refuge in Bag containing 5% non-*B.t.* seed; **Agrisure Viptera** (CB, CEW, FAW, GT, LL); **Genuity VT Double PRO** (CB, CEW, FAW, LCB, RR2); **HX1** = Herculex I (CB, FAW, LL); **Optimum AcreMax Leptra** (Agrisure Viptera, HX1, YGCB, RR2 and LL; includes 5% non-*B.t.* seed); **Optimum Intrasect** (HX1, YGCB, RR2 and LL); **Optimum Leptra** (Agrisure Viptera, HX1, YGCB, RR2 and LL); **VT Double PRO** (CB, CEW, FAW, LCB); **VT Double PRO RIB Complete** (CB, CEW, FAW, LCB; includes 5% non-*B.t.* seed); **YGCB** = YieldGard CB. Information on *B.t.* proteins and other corn traits can be found in the ACES Corn IPM Guide at <http://www.aces.edu/pubs/docs/1/IPM-0428/IPM-0428.pdf>

³Yield adjusted to 15.5% moisture and an assumed test weight of 56 lbs bu⁻¹.

Appreciation is expressed to Stan Menefee, the Alabama Wheat and Feed Grain Committee, and the participating seed companies for supporting this test. Trade names are used only to give specific information. The Alabama Cooperative Extension System does not endorse or guarantee any product and does not recommend one product instead of another that might be similar.



**2018 Alabama On-Farm Corn Hybrid Program
 Dryland Glyphosate-Tolerant Test
 Test Location: Perry County
 Farmer Cooperator: Gray Cogle
 Regional Extension Agent: Rudy Yates
 Alabama Cooperative Extension System**

Planted: March 26, 2018
 Tillage: Conventional
 Previous Crop: Soybeans
 Fertility applied per acre: 15 gallons of 10-34-0 (17.5 lbs. N and 60 lbs. P₂O₅) at planting; sidedressed 150 lbs. N, 30 lbs. P₂O₅ and 90 lbs. K₂O

Harvested: August 13, 2018
 Seeding Rate: 27,000/acre
 Soil Types: Vaiden clay

Corn hybrids were provided by participating seed companies based upon their choice(s) for the area and production type. Companies had the option to enter three hybrids. The seed provided came treated with each company's respective seed treatment(s). Hybrids were planted in four to six row strips. Row spacing was 30 inches. Harvested length of the test averaged 1025 feet. No significant lodging was observed between hybrids. Producers are encouraged to consider several sources of information when making hybrid selections.

Table 1. Dryland on-farm corn hybrid performance test, Perry County, AL.

Hybrid ¹	RM	Technology Traits ²	Harvest Moisture	Yield ³
	Day		%	Bu/A
AgriGold A6544 VT2RIB	113	VT Double PRO RIB Complete, RR2	16.1	163.23
AgriGold A6572 VT2RIB	114	VT Double PRO RIB Complete, RR2	15.3	145.46
Becks 6368V2P	113	VT Double PRO RIB Complete, RR2	16.0	137.38
Becks 6589V2P	115	VT Double PRO RIB Complete, RR2	17.1	137.47
Becks 6948BR	115	Agrisure 3010, LL	17.3	148.40
Croplan 5678 VT2P	116	VT Double PRO, RR2	16.1	148.94
Croplan 5789 VT2P	117	VT Double PRO, RR2	16.5	154.12
DeKalb DKC64-35 (VT2P)	114	VT Double PRO, RR2	15.4	162.74
DeKalb DKC65-95 (VT2P)	115	VT Double PRO, RR2	15.5	154.11
DeKalb DKC67-44 (VT2P)	117	VT Double PRO, RR2	15.9	155.82
Dyna-Gro D55VC45	115	VT Double PRO, RR2	15.4	154.84
Dyna-Gro D57VC51	117	VT Double PRO, RR2	15.2	140.12
Dyna-Gro D58VC65	118	VT Double PRO, RR2	16.0	150.65
Local Seed Company LC1577VT2P	115	Genuity VT Double PRO, RR2	15.7	145.66
Pioneer P1197 YHR	111	Optimum Intrasect, LL, RR2	15.0	128.14
Pioneer P1662 YHR	116	Optimum Intrasect, LL, RR2	16.3	151.11
Pioneer P1870 YHR	118	Optimum Intrasect, LL, RR2	17.2	169.74
			Test Average:	149.88

¹ Hybrids listed in alphabetical order according to advertise relative maturity (RM).

² Technology Traits with the parentheses represent the target pest species and/or herbicide tolerance of the trait(s). Trait Key: **CB** = corn borers; **CW** = black cutworm; **CEW** = corn earworm; **CRW** = corn rootworm; **FAW** = fall armyworm; **LCB** = lesser cornstalk borer; **GT** = glyphosate tolerance; **LL** = Liberty Link (glufosinate tolerant); **RR2** = Roundup Ready2 Corn; **RIB** = Refuge in Bag containing 5% non-*B.t.* seed; **Agrisure 3010** (CB, GT, LL); **Genuity VT Double PRO** (CB, CEW, FAW, LCB, RR2); **HX1** = Herculex I (CB, FAW, LL); **Optimum Intrasect** (HX1, YGCB, RR2 and LL); **VT Double PRO** (CB, CEW, FAW, LCB); **VT Double PRO RIB Complete** (CB, CEW, FAW, LCB; includes 5% non-*B.t.* seed); **YGCB** = YieldGard CB. Information on *B.t.* proteins and other corn traits can be found in the ACES Corn IPM Guide at <http://www.aces.edu/pubs/docs/1/IPM-0428/IPM-0428.pdf>

³ Yield adjusted to 15.5% moisture and an assumed test weight of 56 lbs. bu⁻¹.

Appreciation is expressed to Gray Cogle, the Alabama Wheat and Feed Grain Committee, and the participating seed companies for supporting this test. Trade names are used only to give specific information. The Alabama Cooperative Extension System does not endorse or guarantee any product and does not recommend one product instead of another that might be similar.



**2018 Alabama On-Farm Corn Hybrid Program
 Dryland Glyphosate-Tolerant Test
 Test Location: Marshall County
 Farmer Cooperator: John Bevel
 Regional Extension Agent: Eddie McGriff
 Alabama Cooperative Extension System**

Planted: April 11, 2018
 Tillage: No-till
 Previous Crop: Soybeans
 Fertility applied per acre: preplant 2 tons of chicken litter; sidedressed 30 gallons of 28-0-0-5 (90 lbs. N and 16 lbs.S)

Harvested: September 6, 2018
 Seeding Rate: 28,800/acre
 Soil Type(s): Allen-Waynesboro fine sandy loam

Corn hybrids were provided by participating seed companies based upon their choice(s) for the area and production type. Companies had the option to enter three hybrids. The seed provided came treated with each company's respective seed treatment(s). Hybrids were planted in six-row strips the length of the field. Row spacing was 30 inches. Harvested length of the test averaged 608 feet. No significant lodging was observed between hybrids. Producers are encouraged to consider several sources of information when making hybrid selections.

Table 1. Dryland on-farm corn hybrid performance test, Marshall County, AL.

Hybrid ¹	RM	Technology Traits ²	Harvest Moisture	Yield ³
	Day		%	Bu/A
AgriGold A6544 VT2RIB	113	VT Double PRO RIB Complete, RR2	17.7	268.58
AgriGold A6572 VT2RIB	114	VT Double PRO RIB Complete, RR2	18.0	263.81
Croplan 5678 VT2P	116	VT Double PRO, RR2	18.8	260.40
Croplan 5789 VT2P	117	VT Double PRO, RR2	19.3	255.42
DeKalb DKC64-35 (VT2P)	114	VT Double PRO, RR2	18.6	255.99
DeKalb DKC65-95 (VT2P)	115	VT Double PRO, RR2	19.1	262.52
DeKalb DKC67-44 (VT2P)	117	VT Double PRO, RR2	18.5	270.37
Dyna-Gro D57VC51	117	VT Double PRO, RR2	18.0	263.90
Dyna-Gro D58VC65	118	VT Double PRO, RR2	17.5	267.13
Local Seed Company LC1577VT2P	115	Genuity VT Double PRO, RR2	16.9	240.31
Pioneer P1442 YHR	114	Optimum Intrasect, LL, RR2	18.0	256.44
Pioneer P1637 YHR	116	Optimum Intrasect, LL, RR2	18.2	254.42
Pioneer P1847 AML	118	Optimum AcreMax Leptra, LL, RR2	19.2	267.19
Progeny PGY 5115 VT2P	115	VT Double PRO, RR2	18.6	244.22
Progeny PGY 7215 VT2P	115	VT Double PRO, RR2	18.0	252.89
Test Average:				258.89

¹ Hybrids listed in alphabetical order according to advertise relative maturity (RM).

² Technology Traits with the parentheses represent the target pest species and/or herbicide tolerance of the trait(s). Trait Key: **CB** = corn borers; **CW** = black cutworm; **CEW** = corn earworm; **CRW** = corn rootworm; **FAW** = fall armyworm; **LCB** = lesser cornstalk borer; **GT** = glyphosate tolerance; **LL** = Liberty Link (glufosinate tolerant); **RR2** = Roundup Ready2 Corn; **RIB** = Refuge in Bag containing 5% non-*B.t.* seed; **Agrisure Viptera** (CB, CEW, FAW, GT, LL); **Genuity VT Double PRO** (CB, CEW, FAW, LCB, RR2); **HX1** = Herculex I (CB, FAW, LL); **Optimum AcreMax Leptra** (Agrisure Viptera, HX1, YGCB, RR2 and LL; includes 5% non-*B.t.* seed); **Optimum Intrasect** (HX1, YGCB, RR2 and LL); **Optimum Leptra** (Agrisure Viptera, HX1, YGCB, RR2 and LL); **VT Double PRO** (CB, CEW, FAW, LCB); **VT Double PRO RIB Complete** (CB, CEW, FAW, LCB; includes 5% non-*B.t.* seed); **YGCB** = YieldGard CB. Information on *B.t.* proteins and other corn traits can be found in the ACES Corn IPM Guide at <http://www.aces.edu/pubs/docs/1/IPM-0428/IPM-0428.pdf>

³ Yield adjusted to 15.5% moisture and an assumed test weight of 56 lbs bu⁻¹.

Appreciation is expressed to John Bevel, the Alabama Wheat and Feed Grain Committee, and the participating seed companies for supporting this test. Trade names are used only to give specific information. The Alabama Cooperative Extension System does not endorse or guarantee any product and does not recommend one product instead of another that might be similar.



**2018 Alabama On-Farm Corn Hybrid Program
Irrigated Glyphosate-Tolerant Test
Test Location: Perry County
Farmer Cooperator: Jon Nichols
Regional Extension Agent: Rudy Yates
Alabama Cooperative Extension System**

Planted: April 20, 2018
Tillage: Conventional
Previous Crop: Corn
Fertility applied per acre: 2 tons poultry litter in fall, 50 pounds (lbs.) N at planting; sidedressed 150 lbs. N, and 57 lbs. N after tasseling

Harvested: September 4, 2018
Seeding Rate: 33,000/acre
Soil Types: Okolona silty clay loam

Corn hybrids were provided by participating seed companies based upon their choice(s) for the area and production type. Companies had the option to enter three hybrids. The seed provided came treated with each company's respective seed treatment(s). Hybrids were planted in four-row strips. Row spacing was 30 inches. Harvested length of each strip was 982 feet. No significant lodging was observed between hybrids. Producers are encouraged to consider several sources of information when making hybrid selections.

Table 1. Irrigated on-farm corn hybrid performance test, Perry County, AL.

Hybrid ¹	RM	Technology Traits ²	Harvest Moisture	Yield ³
	Day		%	Bu/A
AgriGold A6544 VT2RIB	113	VT Double PRO RIB Complete, RR2	15.5	219.17
AgriGold A6711 VT2PRO	118	VT Double PRO, RR2	16.5	202.50
Becks XL 6365AM	113	Optimum AcreMax, LL, RR2	16.8	202.78
Becks 6589V2P	115	VT Double PRO RIB Complete, RR2	16.5	212.52
Becks 6774V2P	117	VT Double PRO RIB Complete, RR2	16.8	191.47
Croplan 5678 VT2P	116	VT Double PRO, RR2	16.2	221.14
Croplan 5789 VT2P	117	VT Double PRO, RR2	16.4	207.83
DeKalb DKC62-53 (VT2P)	112	VT Double PRO, RR2	15.5	200.80
DeKalb DKC65-95 (VT2P)	115	VT Double PRO, RR2	16.2	239.44
DeKalb DKC70-27 (VT2P)	120	VT Double PRO, RR2	17.5	231.02
Dyna-Gro D55VC45	115	VT Double PRO, RR2	16.4	222.18
Dyna-Gro D57VC51	117	VT Double PRO, RR2	16.8	226.11
Dyna-Gro D58VC65	118	VT Double PRO, RR2	16.1	219.66
Local Seed Company LC1577VT2P	115	Genuity VT Double PRO, RR2	15.5	206.03
Pioneer P1197 YHR	111	Optimum Intrasect, LL, RR2	15.9	217.59
Pioneer P1847 VYHR	118	Optimum Leptra, LL, RR2	17.7	201.60
Pioneer P1870 YHR	118	Optimum Intrasect, LL, RR2	18.3	212.69
			Test Average:	213.80

¹ Hybrids listed in alphabetical order according to advertise relative maturity (RM).

² Technology Traits with the parentheses represent the target pest species and/or herbicide tolerance of the trait(s). Trait Key: **CB** = corn borers; **CW** = black cutworm; **CEW** = corn earworm; **CRW** = corn rootworm; **FAW** = fall armyworm; **LCB** = lesser cornstalk borer; **GT** = glyphosate tolerance; **LL** = Liberty Link (glufosinate tolerant); **RR2** = Roundup Ready2 Corn; **RIB** = Refuge in Bag containing 5% non-B.t. seed; **Agrisure Viptera** (CB, CEW, FAW, GT, LL); **Genuity VT Double PRO** (CB, CEW, FAW, LCB, RR2); **HX1** = Herculex I (CB, FAW, LL); **Optimum AcreMax** (HX1, YGCB, RR2 and LL; includes 5% non-B.t. seed); **Optimum Intrasect** (HX1, YGCB, RR2 and LL); **Optimum Leptra** (Agrisure Viptera, HX1, YGCB, RR2 and LL); **VT Double PRO** (CB, CEW, FAW, LCB); **VT Double PRO RIB Complete** (CB, CEW, FAW, LCB; includes 5% non-B.t. seed); **YGCB** = YieldGard CB. Information on B.t. proteins and other corn traits can be found in the ACES Corn IPM Guide at <http://www.aces.edu/pubs/docs/1/IPM-0428/IPM-0428.pdf>

³ Yield adjusted to 15.5% moisture and an assumed test weight of 56 lbs bu⁻¹.

Appreciation is expressed to Jon Nichols, the Alabama Wheat and Feed Grain Committee, and the participating seed companies for supporting this test. Trade names are used only to give specific information. The Alabama Cooperative Extension System does not endorse or guarantee any product and does not recommend one product instead of another that might be similar.



**2018 Alabama On-Farm Corn Hybrid Program
 Dryland Glyphosate-Tolerant Test
 Test Location: Shelby County
 Farmer Cooperator: John Deloach
 County Extension Coordinator: Ricky Colquitt
 Extension Specialist: Tyler Sandlin
 Alabama Cooperative Extension System**

Planted: April 5, 2018
 Tillage: Conventional
 Previous Crop: Corn
 Fertility applied per acre: preplant 220 lbs N, 92 lbs P₂O₅, and 120 lbs K₂O

Harvested: October 2, 2018
 Seeding Rate: 30,000/acre
 Soil Type: Choccolocco Loam

Corn hybrids were provided by participating seed companies based upon their choice(s) for the area and production type. Companies had the option to enter three hybrids. The seed provided came treated with each company's respective seed treatment(s). Hybrids were planted in four-row strips the length of the field. Row spacing was 30 inches. Harvested length of the test averaged 350 feet. No significant lodging was observed between hybrids. Producers are encouraged to consider several sources of information when making hybrid selections.

Table 1. Dryland on-farm corn hybrid performance test, Shelby County, AL.

Hybrid ¹	RM	Technology Traits ²	Harvest Moisture	Yield ³
	Day		%	Bu/A
AgriGold A6544 VT2RIB	113	VT Double PRO RIB Complete, RR2	16.5	200.6
AgriGold A6572 VT2RIB	114	VT Double PRO RIB Complete, RR2	18.1	205.0
Croplan 5678 VT2P	116	VT Double PRO, RR2	17.6	229.3
Croplan 5789 VT2P	117	VT Double PRO, RR2	16.6	214.6
DeKalb DKC64-35 (VT2P)	114	VT Double PRO, RR2	18.3	203.7
DeKalb DKC65-95 (VT2P)	115	VT Double PRO, RR2	16.8	212.5
DeKalb DKC67-44 (VT2P)	117	VT Double PRO, RR2	17.1	197.2
Local Seed Company LC1577VT2P	115	Genuity VT Double PRO, RR2	18.6	165.4
Pioneer P1442 YHR	114	Optimum Intrasect, LL, RR2	17.3	181.4
Pioneer P1637 YHR	116	Optimum Intrasect, LL, RR2	16.3	204.3
Pioneer P1847 AML	118	Optimum AcreMax Leptra, LL, RR2	15.9	173.3
Progeny PGY 5115 VT2P	115	VT Double PRO, RR2	17.1	201.0
Progeny PGY 7215 VT2P	115	VT Double PRO, RR2	18.3	194.8
			Test Average:	198.7

¹ Hybrids listed in alphabetical order according to advertise relative maturity (RM).

² Technology Traits with the parentheses represent the target pest species and/or herbicide tolerance of the trait(s). Trait Key: **CB** = corn borers; **CW** = black cutworm; **CEW** = corn earworm; **CRW** = corn rootworm; **FAW** = fall armyworm; **LCB** = lesser cornstalk borer; **GT** = glyphosate tolerance; **LL** = Liberty Link (glufosinate tolerant); **RR2** = Roundup Ready2 Corn; **RIB** = Refuge in Bag containing 5% non-*B.t.* seed; **Agrisure Viptera** (CB, CEW, FAW, GT, LL); **Genuity VT Double PRO** (CB, CEW, FAW, LCB, RR2); **HX1** = Herculex I (CB, FAW, LL); **Optimum AcreMax Leptra** (Agrisure Viptera, HX1, YGCB, RR2 and LL; includes 5% non-*B.t.* seed); **Optimum Intrasect** (HX1, YGCB, RR2 and LL); **Optimum Leptra** (Agrisure Viptera, HX1, YGCB, RR2 and LL); **VT Double PRO** (CB, CEW, FAW, LCB); **VT Double PRO RIB Complete** (CB, CEW, FAW, LCB; includes 5% non-*B.t.* seed); **YGCB** = YieldGard CB. Information on *B.t.* proteins and other corn traits can be found in the ACES Corn IPM Guide at <http://www.aces.edu/pubs/docs/1/IPM-0428/IPM-0428.pdf>

³ Yield adjusted to 15.5% moisture and an assumed test weight of 56 lbs bu⁻¹.

Appreciation is expressed to John Deloach, the Alabama Wheat and Feed Grain Committee, and the participating seed companies for supporting this test. Trade names are used only to give specific information. The Alabama Cooperative Extension System does not endorse or guarantee any product and does not recommend one product instead of another that might be similar.



**2018 Alabama On-Farm Corn Hybrid Program
 Dryland Glyphosate-Tolerant Test
 Test Location: Washington County
 Farmer Cooperator: Richardson Farm
 Regional Extension Agent: Kim Wilkins
 Alabama Cooperative Extension System**

Planted: March 21, 2018
 Tillage: Strip-till
 Previous Crop: Peanuts
 Fertility applied per acre: 15 gallons of 10-34-0 (17.5 lbs. N and 60 lbs. P₂O₅) at planting; sidedressed 180 lbs. N and 120 lbs of K₂O

Harvested: August 17, 2018
 Seeding Rate: 28,000/acre
 Soil Types: Lucedale sandy loamy

Corn hybrids were provided by participating seed companies based upon their choice(s) for the area and production type. Companies had the option to enter three hybrids. The seed provided came treated with each company's respective seed treatment(s). Hybrids were planted in four-row strips. Row spacing was 36 inches. Harvested length of the test averaged 569 feet. No significant lodging was observed between hybrids. Producers are encouraged to consider several sources of information when making hybrid selections.

Table 1. Dryland on-farm corn hybrid performance test, Washington County, AL.

Hybrid ¹	RM	Technology Traits ²	Harvest Moisture	Yield ³
	Day		%	Bu/A
Croplan 5678 VT2P	116	VT Double PRO, RR2	14.7	199.09
Croplan 5789 VT2P	117	VT Double PRO, RR2	16.1	183.23
DeKalb DKC64-35 (VT2P)	114	VT Double PRO, RR2	15.0	189.52
DeKalb DKC65-95 (VT2P)	115	VT Double PRO, RR2	15.4	196.84
DeKalb DKC67-44 (VT2P)	117	VT Double PRO, RR2	15.8	191.07
Dyna-Gro D57VC51	117	VT Double PRO, RR2	15.1	187.19
Dyna-Gro D58VC37	118	VT Double PRO, RR2	15.1	189.39
Dyna-Gro D58VC65	118	VT Double PRO, RR2	14.6	188.09
Local Seed Company LC1577VT2P	115	Genuity VT Double PRO, RR2	14.5	171.87
Pioneer P1197 YHR	111	Optimum Intrasect, LL, RR2	14.6	178.11
Pioneer P1662 YHR	116	Optimum Intrasect, LL, RR2	15.3	185.58
Pioneer P1870 YHR	118	Optimum Intrasect, LL, RR2	16.0	201.10
			Test Average:	188.42

¹Hybrids listed in alphabetical order according to advertise relative maturity (RM).

²Technology Traits with the parentheses represent the target pest species and/or herbicide tolerance of the trait(s). Trait Key: **CB** = corn borers; **CW** = black cutworm; **CEW** = corn earworm; **CRW** = corn rootworm; **FAW** = fall armyworm; **LCB** = lesser cornstalk borer; **GT** = glyphosate tolerance; **LL** = Liberty Link (glufosinate tolerant); **RR2** = Roundup Ready2 Corn; **RIB** = Refuge in Bag containing 5% non-*B.t.* seed; **Genuity VT Double PRO** (CB, CEW, FAW, LCB, RR2); **HX1** = Herculex I (CB, FAW, LL); **Optimum Intrasect** (HX1, YGCB, RR2 and LL); **VT Double PRO** (CB, CEW, FAW, LCB); **YGCB** = YieldGard CB. Information on *B.t.* proteins and other corn traits can be found in the ACES Corn IPM Guide at <http://www.aces.edu/pubs/docs/I/IPM-0428/IPM-0428.pdf>

³Yield adjusted to 15.5% moisture and an assumed test weight of 56 lbs bu⁻¹.

Appreciation is expressed to Richardson Farm, the Alabama Wheat and Feed Grain Committee, and the participating seed companies for supporting this test. Trade names are used only to give specific information. The Alabama Cooperative Extension System does not endorse or guarantee any product and does not recommend one product instead of another that might be similar.